

GP 2874

Patent
249/302

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

STROWITZKI, C. ✓

Serial No.: 09/510,667 ✓

Filed: February 22, 2000 ✓

For: DEDUSTING UNIT FOR A LASER
OPTICAL ELEMENT OF A GAS LASER
AND METHOD FOR ASSEMBLING ✓

Group Art Unit: 2874 ✓

Examiner: Unknown

H. Coe
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INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97(b)(3)

Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with the Applicant's duty under 37 CFR § 1.56, the following information is brought to the attention of the Examiner. The items are listed on the attached form PTO-1449 and copies are enclosed for the convenience of the Examiner.

The items identified in this Information Disclosure Statement (IDS) may or may not be "material" pursuant to 37 CFR § 1.56 and the submission thereof by Applicant shall not be construed as an admission that any such patent, publication or other information referred to therein is material

CERTIFICATE OF MAILING
(37 C.F.R. § 1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

November 10, 2000
Date of DepositDora Demers
Dora Demers

or considered to be material (37 CFR § 1.97(h)), or even qualifies as “prior art” under 35 USC § 102 with respect to this invention unless specifically designated by Applicant as such.

The filing of this IDS shall not be construed to mean that a search has been made or that no other material information, as defined in 37 CFR § 1.56, exists.

Pursuant to 37 CFR § 1.98(a)(3), Applicant has provided a concise English explanation of the relevance of each of the cited non-English references below.

JP 06237034

An English abstract of this reference is being filed herewith.

Per the enclosed abstract, the JP '034 patent teaches a gas laser having a laser pipe (1), which encloses laser gas and a pair of electric discharge electrodes (2). The electric discharge between these two electrodes excites the laser gas and results in the output of a laser beam. A pair of optical windows (3) are arranged in the optical path of the emitted laser. The device also incorporates a reflective mirror (5) and an output mirror (4) which form the laser resonator. The optical window part includes a negative voltage impression electrode (6) having a hole through which the laser beam can pass. The negative electrode (6) induces a negative charge on the optical window surface by means of a negative voltage source (7).

JP 05067823

An English abstract of this reference is being filed herewith.

JP '823 discloses a discharge excitation pulse gas laser device, such as an excimer laser, that includes a static gas chamber near the optical windows at each of the opposing ends of the laser tube. The static gas chambers include a space that is designed to ensure that no gas flows within the chamber due to gas circulation in the rest of the laser, thus making it hard for metallic dust within the

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laser from reaching the surface of the optical windows even if the gas within the laser is agitated by a gas circulation mean, such as a fan.

DE 198 40 035 A

A translation of DE '035 is provided, hence no concise statement is required.

DE 32 12928 C2

U.S. Patent 4,534,034 which has been cited in the attached Form PTO-1449 is understood to be a U.S. equivalent of DE '928 and a translation thereof.

DE 31 30 399 A1

A translation of DE '035 is provided, hence a concise statement is not required.

DE 297 15 466 U1

A translation of DE '466 is provided, hence a concise statement is not required.

DE 37 10 525 C2

U.S. Patent No. 4,769,824 which has been cited in the attached Form PTO-1449 is a U.S. equivalent of DE '525.


The attached IDS is being filed in accordance with 37 CFR §§ 1.97 and 1.98. This IDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b)(3), that is before the mailing of a first Office Action on the merits. Thus, no petition or fee is required. However, if the undersigned representative of Applicant is in error in this regard, then the Examiner is requested to

consider this IDS as filed under § 1.97(c) and is further authorized to charge any fee required by the filing of these papers to Lyon & Lyon's Deposit Account No. 12-2475.

Respectfully submitted,

LYON & LYON LLP

Dated: November 10, 2000

By: 
David A. Randall
Reg. No. 37,217

633 West Fifth Street, Suite 4700
Los Angeles, California 90071-2066
(213) 489-1600

Enclosures: PTO-1449

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